

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A contents reproduction apparatus comprising:

a contents reproduction part ~~(107)~~ which can reproduce contents in a plurality of reproduction modes including three-dimensional display;

a recognition part ~~(105)~~ which recognizes attributes of an object included in contents;

a determination part ~~(105)~~ which determines the reproduction mode of the contents on the basis of said conditions for contents to be reproduced and the attributes of the object that have been recognized in said recognition part ~~(105)~~; and

a control part ~~(101)~~ which controls the switching between said plurality of reproduction modes on the basis of said reproduction mode that has been determined in said determination part ~~(105)~~, wherein

said contents reproduction part ~~(107)~~ reproduces said contents in said reproduction mode that has been switched by said control part ~~(101)~~.

2. (Currently amended) The contents reproduction apparatus according to claim 1, wherein said control part ~~(101)~~ controls the switching between said plurality of reproduction modes in the case where a predetermined condition is satisfied at the time of reproduction of said contents.

3. (Original) The contents reproduction apparatus according to claim 2, wherein said predetermined condition includes at least one of a condition concerning time when said contents are reproduced, a condition concerning a place where said contents are reproduced, a condition concerning a user who reproduces said contents and a condition concerning said contents reproduction apparatus for reproducing said contents.

4. (Currently amended) A contents reproduction apparatus comprising:

a contents reproduction part ~~(107)~~ which can reproduce contents in a plurality of reproduction modes including three-dimensional display;

an acquisition part ~~(105)~~ which acquires information concerning the reproduction mode of said contents;

a determination part ~~(105)~~ which determines the reproduction mode of said contents on the basis of said information concerning the reproduction mode of said contents that has been acquired by said acquisition part ~~(105)~~; and

a control part ~~(101)~~ which controls the switching between said plurality of reproduction modes during reproduction of said contents in said contents reproduction part ~~(107)~~, on the basis of said reproduction mode that has been determined by said determination part ~~(105)~~.

5. (Currently amended) The contents reproduction apparatus according to claim 4, wherein

said information concerning the reproduction mode of said contents includes reproduction mode information for determining the reproduction mode in accordance with the reproduction time of said contents, and

said control part ~~(101)~~ controls the switching between said plurality of reproduction modes for each reproduction time unit of said contents during reproduction of said contents in said contents reproduction part ~~(107)~~, on the basis of said reproduction mode that has been determined by said determination part ~~(105)~~ from said reproduction mode information.

6. (Currently amended) The contents reproduction apparatus according to claim 4, wherein

said information concerning the reproduction mode of said contents includes reproduction mode information for determining the reproduction modes for a plurality of data groups for the respective reproduction time units which are arranged along the time series of the time for reproduction, where said data groups form said contents, and

said control part ~~(101)~~ controls the switching between said plurality of reproduction modes for each of said data groups that form said contents during reproduction of said contents in said contents reproduction part ~~(107)~~, on the basis of said reproduction mode that has been determined by said determination part ~~(105)~~ from said reproduction mode information.

7. (Currently amended) The contents reproduction apparatus according to claim 6, wherein

said reproduction mode information is information for determining the reproduction mode of said data group on the basis of the attributes of the objects included in said data group,

the contents reproduction apparatus further comprises a recognition part ~~(105)~~ which recognizes said attributes of said objects, and

said determination part ~~(105)~~ determines said reproduction mode of each of said data groups that form said contents on the basis of said attributes of said objects included in said data groups which have been recognized by said recognition part ~~(105)~~ and said reproduction mode information.

8. (Currently amended) The contents reproduction apparatus according to claim 7, wherein said determination part ~~(105)~~ determines one reproduction mode in accordance with the order of priority of reproduction modes that have been preset when a plurality of reproduction modes are determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized by said recognition part ~~(105)~~.

9. (Currently amended) The contents reproduction apparatus according to claim 7, wherein said determination part ~~(105)~~ determines one reproduction mode in accordance with the order of priority of objects that have been preset when a plurality of reproduction modes are determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized by said recognition part ~~(105)~~.

10. (Original) The contents reproduction apparatus according to claim 9, wherein said order of priority of said objects is the order of priority on the basis of deepness information that has been attached to said objects.

11. (Original) The contents reproduction apparatus according to claim 9, wherein said order of priority of said objects is the order of priority on the basis of the order of alignment along the time series of the time for reproduction of said objects.

12. (Currently amended) The contents reproduction apparatus according to claim 4, wherein said acquisition part ~~(105)~~ acquires said information concerning the reproduction mode of said contents from said contents.

13. (Currently amended) The contents reproduction apparatus according to claim 4, wherein said acquisition part ~~(105)~~ acquires said information concerning the reproduction mode of said contents from an external apparatus.

14. (Currently amended) The contents reproduction apparatus according to claim 4, wherein said control part ~~(101)~~ controls the switching between said reproduction modes in order to reproduce, in said contents reproduction part ~~(107)~~, a succeeding portion of said contents next to the portion that is not appropriately reproduced in said contents reproduction part ~~(107)~~ during reproduction of the preceding portion prior to said portion that is not appropriately reproduced in said contents reproduction part ~~(107)~~ when in said contents reproduction part ~~(107)~~, said contents cannot be appropriately reproduced in the reproduction mode that has been switched by said control part ~~(101)~~.

15. (Currently amended) The contents reproduction apparatus according to claim 4, wherein said control part ~~(101)~~ controls the switching between said reproduction modes in order to reproduce, in said contents reproduction part ~~(107)~~, the portion of said contents next to the portion that is not appropriately reproduced in said contents reproduction part ~~(107)~~ during reproduction of the portion prior to said portion that is not appropriately reproduced in said contents reproduction part ~~(107)~~ when in said contents reproduction part ~~(107)~~, said contents cannot be appropriately reproduced in the reproduction mode that has been switched by said control part ~~(101)~~.

16. (Currently amended) The contents reproduction apparatus according to claim 4, wherein said control part ~~(101)~~ controls the switching between said plurality of reproduction modes in the case where a predetermined condition is satisfied, at the time of reproduction of said contents.

17. (Original) The contents reproduction apparatus according to claim 16, wherein said predetermined condition includes at least one of a condition concerning time when said contents are reproduced, a condition concerning a place where said contents are reproduced, a condition concerning a user who reproduces said contents and a condition concerning said contents reproduction apparatus for reproducing said contents.

18. (Currently amended) A contents identification method for identifying the reproduction mode of contents that include an object, comprising:
a recognition step ~~(S207, S211, S215)~~ of recognizing attributes of said object; and
a determination step ~~(S103)~~ of determining said reproduction mode of contents to be reproduced on the basis of a condition for said contents and the recognition of said recognition step.

19. (Original) The contents identification method according to claim 18, wherein said condition for said contents to be reproduced is a condition that is stored in each reproduction apparatus for reproducing said contents.

20. (Currently amended) The contents identification method according to claim 18, wherein
said condition for said contents to be reproduced is a condition that is stored in each of the reproduction apparatuses for reproducing said contents in accordance with the ability of said reproduction apparatuses, and

in said determination step ~~(S103)~~, said reproduction mode of said contents is determined by giving priority to the use of recognition concerning a specific type of object within the range of said condition.

21. (Currently amended) The contents identification method according to claim 18, wherein in said recognition step ~~(S207, S211, S215)~~, whether or not said object is an object to be three-dimensionally displayed in accordance with said attributes of said object is recognized on the basis of whether or not the data of said object includes deepness information that indicates the depth of said object.

22. (Currently amended) The contents identification method according to claim 18, further comprising a registration step ~~(S107, S111)~~ of registering information that indicates said reproduction mode of said contents that have been determined in said determination step ~~(S103)~~ by adding to the data of said contents.

23. (Currently amended) The contents identification method according to claim 22, further comprising a notification step ~~(S109, S113)~~ of notifying said reproduction mode of said contents registered.

24. (Currently amended) The contents identification method according to claim 18, wherein

said object is included in each of data groups, said data groups forming said contents and arranged in the respective reproduction time units along the time series of the time for reproduction, and

in said determination step ~~(S103)~~, said reproduction mode is determined for each of said data groups that form said contents.

25. (Currently amended) The contents identification method according to claim 24, wherein in said determination step ~~(S103)~~, one reproduction mode is determined in accordance

with the order of priority of reproduction modes that has been preset when a plurality of reproduction modes have been determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized in said recognition step ~~(S207, S211, S215)~~.

26. (Currently amended) The contents identification method according to claim 24, wherein in said determination step ~~(S103)~~, one reproduction mode is determined in accordance with the order of priority of objects that has been preset when a plurality of reproduction modes have been determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized in said recognition step ~~(S207, S211, S215)~~.

27. (Original) The contents identification method according to claim 26, wherein said order of priority of said objects is the order of priority on the basis of deepness information that has been added to said objects.

28. (Original) The contents identification method according to claim 26, wherein said order of priority of said objects is the order of priority on the basis of the order of alignment along the time series of the time for reproduction of said objects.

29. (Currently amended) A contents reproduction method for reproducing contents to which information concerning the reproduction mode has been added, comprising:

a switching step ~~(S307, S311)~~ of switching the reproduction mode of a reproduction apparatus for reproducing said contents on the basis of said information concerning said reproduction mode that has been added to said contents; and

a reproduction step ~~(S309, S313)~~ of reproducing said contents in said switched reproduction mode.

30. (Currently amended) A contents identification program product for allowing a computer to execute a contents identification method for identifying the reproduction mode of contents that include an object, which allows a computer to execute:

an identification step (~~S207, S211, S215~~) of identifying the attributes of said object; and
a determination step (~~S103~~) of determining said reproduction mode of said contents on the basis of a condition for said contents to be reproduced and the identification of said identification step.

31. (Original) The contents identification program product according to claim 30, wherein said condition for said contents to be reproduced is a condition that is stored in each reproduction apparatus for reproducing said contents.

32. (Currently amended) The contents identification program product according to claim 30, wherein

said condition for said contents to be reproduced is a condition that is stored in each of the reproduction apparatuses for reproducing said contents in accordance with the ability of said reproduction apparatuses, and

in said determination step (~~S103~~), said reproduction mode of said contents is determined by giving priority to the use of said recognition concerning a specific type of object within the range of said condition.

33. (Currently amended) The contents identification program product according to claim 30, wherein in said recognition step (~~S207, S211, S215~~), whether or not said object is an object to be three-dimensionally displayed in accordance with said attributes of said object is recognized on the basis of whether or not the data of said object includes deepness information that indicates the depth of said object.

34. (Currently amended) The contents identification program product according to claim 30, which allows the computer to further execute a registration step (~~S107, S111~~) of registering

information that indicates said reproduction mode of said contents that have been determined in said determination step (~~S103~~) by adding to the data of said contents.

35. (Currently amended) The contents identification program product according to claim 34, which allows the computer to further execute a notification step (~~S109, S113~~) of notifying said reproduction mode of said contents registered.

36. (Original) The contents identification program product according to claim 30, wherein

said object is included in each of data groups, said data group forming said contents and arranged in respective reproduction time units along the time series of the time for reproduction, and

in said determination step (~~S103~~), said reproduction mode is determined for each of said data groups that form said contents.

37. (Currently amended) The contents identification program product according to claim 36, wherein in said determination step (~~S103~~), one reproduction mode is determined in accordance with the order of priority of reproduction modes that has been preset when a plurality of reproduction modes have been determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized in said recognition step (~~S207, S211, S215~~).

38. (Currently amended) The contents identification program product according to claim 36, wherein in said determination step (~~S103~~), one reproduction mode is determined in accordance with the order of priority of objects that has been preset when a plurality of reproduction modes have been determined as said reproduction modes of said data groups on the basis of said attributes of said objects included in said data groups that have been recognized in said recognition step (~~S207, S211, S215~~).

39. (Original) The contents identification program product according to claim 38, wherein said order of priority of said objects is the order of priority on the basis of deepness information that has been added to said objects.

40. (Original) The contents identification program product according to claim 38, wherein said order of priority of said objects is the order of priority on the basis of the order of alignment along the time series of the time for reproduction of said objects.

41. (Currently amended) A contents reproduction program product for allowing a computer to execute a contents reproduction method for reproducing contents to which information concerning the reproduction mode has been added, which allows a computer to execute:

a switching step (~~S307, S311~~) of switching the reproduction mode of a reproduction apparatus for reproducing said contents on the basis of said information concerning said reproduction mode that has been added to said contents; and

a reproduction step (~~S309, S313~~) of reproducing said contents in said switched reproduction mode.